



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : H04N 7/16, 7/173		A1	(11) International Publication Number: <b>WO 00/07372</b>
			(43) International Publication Date: 10 February 2000 (10.02.00)
(21) International Application Number: PCT/IL99/00412 (22) International Filing Date: 27 July 1999 (27.07.99) (30) Priority Data: PCT/IL98/00349 27 July 1998 (27.07.98) IL (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US PCT/IL98/00349 (CIP) Filed on 27 July 1998 (27.07.98) (71) Applicant (for all designated States except US): PEACH NETWORKS, LTD. [IL/IL]; P.O. Box 212, 60200 Or-Yehuda (IL). (72) Inventors; and (75) Inventors/Applicants (for US only): PAZ, Ofir [IL/IL]; Hakukiya Street 48/7, 75548 Rishon LeZion (IL); KEREN, Avishai [IL/IL]; Hei Be'lyar 44, 48056 Rosh Ha'Ayin (IL); FEDER, Meir [IL/IL]; Beitar Street 39, 46432 Herzlia (IL); FENSTER, Maier [IL/IL]; Toscanini Street 1C, 49354 Petach Tikva (IL).		(74) Agents: FENSTER, Paul et al.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(54) Title: <u>OVERLAY MANAGEMENT</u>			
<pre> graph LR     102[PROGRAM SOURCE] --&gt; 118[PROCESSOR]     104[OVERLAY SOURCE] --&gt; 118     subgraph 118 [PROCESSOR]         114[TRANSCODER I]         112[MIXER]         116[TRANSCODER II]     end     118 --&gt; 94[CHANNEL MIXER]     94 --&gt; 108[SET TOP]     108 --&gt; 110[USER TV]   </pre>			
(57) Abstract			
A method of personalizing a broadcast channel, comprising: receiving an input from a user (110); and personalizing the broadcast channel; and transmitting the personalized broadcast channel to the user using a compressed video transport method. Preferably, computer generated information is overlaid on the channel to achieve the personalization.			

09744771.042701